

## ABSTRACT

5 A multi-layer golf ball comprising a core, a water vapor barrier layer and a cover is provided. The core may have any construction and may have multiple layers. The core may also have a solid or liquid center or wound layers, and may be constructed from a polybutadiene with mid to high Mooney viscosity. The water vapor barrier layer preferably comprises a terpolymer of ethylene, a softening acrylate class ester and methacrylic acid. th. Preferably, the water vapor barrier layer has an acid content of about 3% by weight to about 25% by weight.